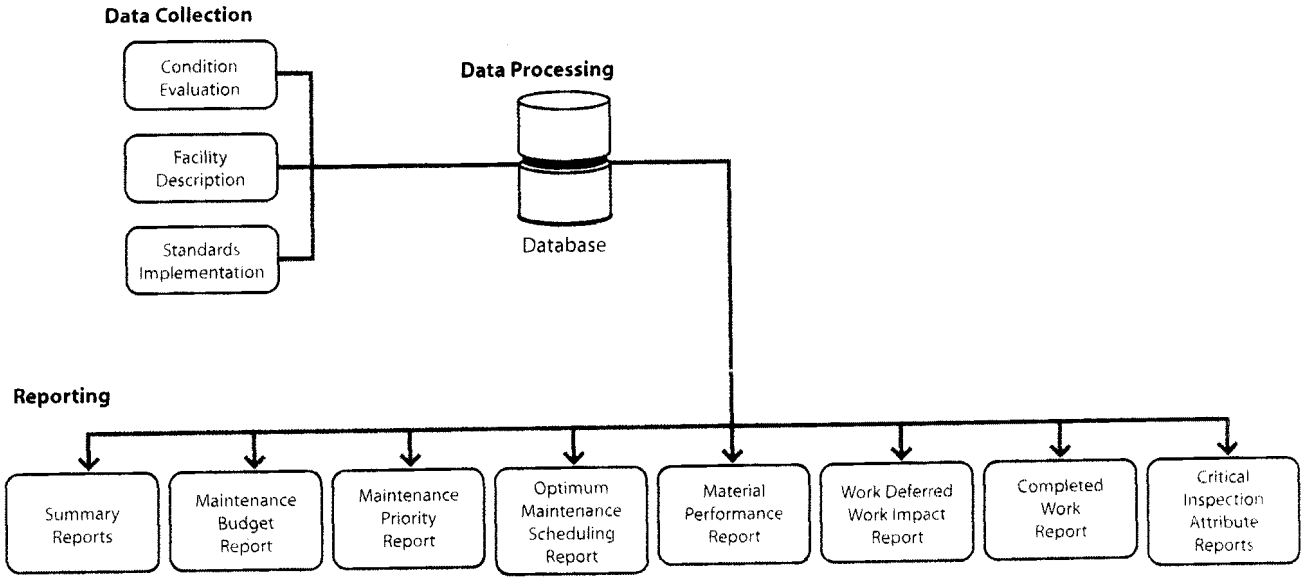
Data Collection
Condition Evaluation
Facility Description
Standards Implementation
Data Processing
Database
Reporting
Summary Reports
Maintenance Budget Report
Maintenance Priority Report
Optimum Maintenance Scheduling Report
Material Performance Report
Work Deferred Work Impact Report
Completed Work Report
Critical Inspection Attribute Reports

Figure 1

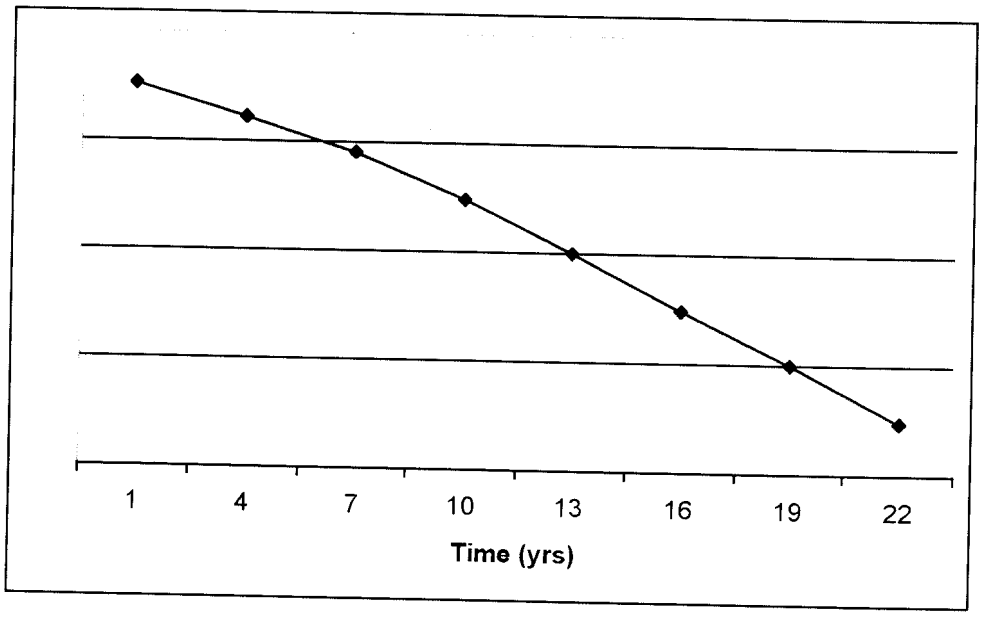


Fig. 2

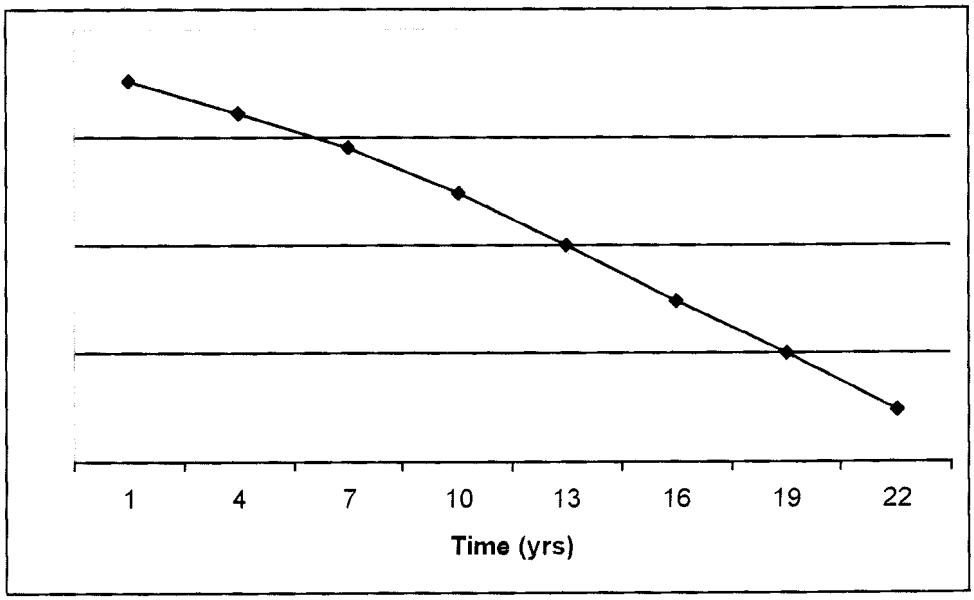


Fig.3

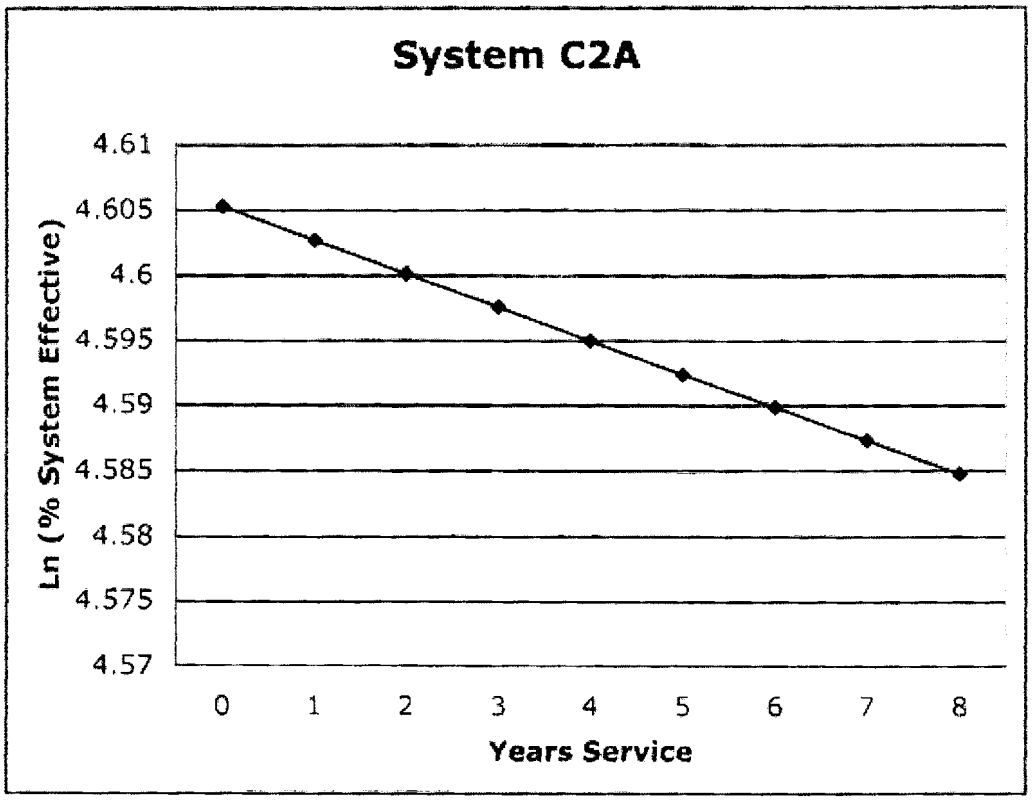
System C2A
Ln (% System Effective)
4.61
4.605
4.6
4.595
4.59
4.585
4.58
4.575
4.57
0
1
2
3
4
5
6
7
8
Years Service

Fig.4

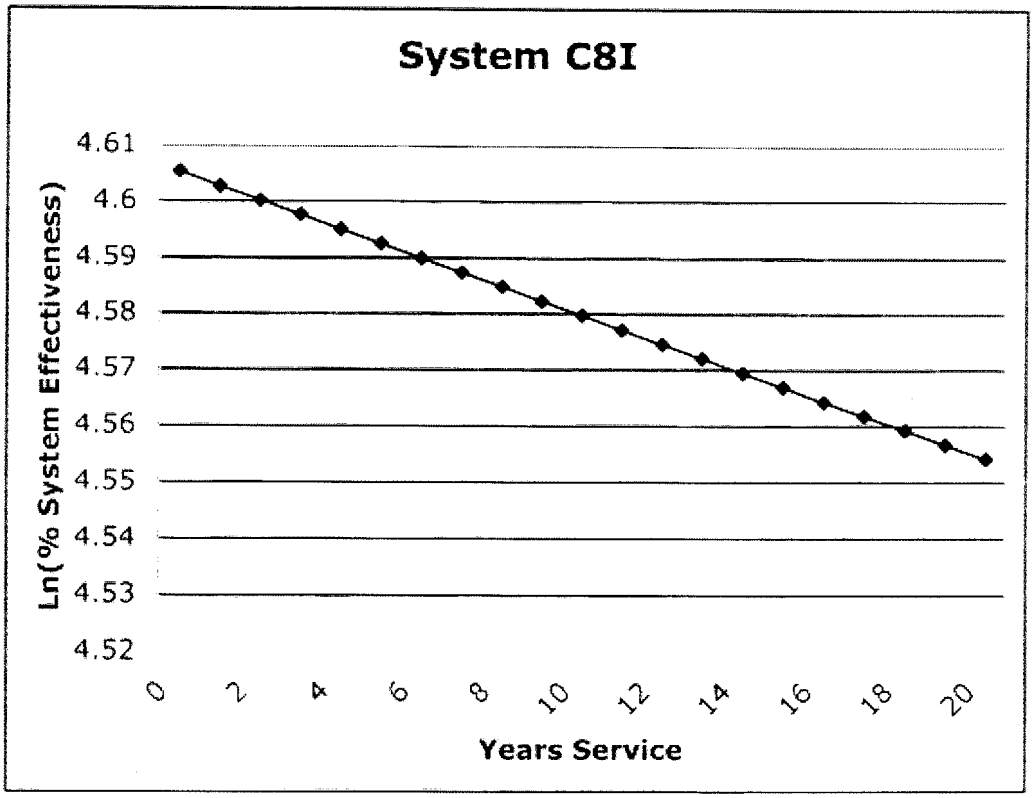
System C8I
Ln(% System Effectiveness)
4.61
4.6
4.59
4.58
4.57
4.56
4.55
4.54
4.53
4.52
0
2
4
6
8
10
12
14
16
18
20
Years Service

Fig.5

**Tank 12D**

| | |
|---|---|
| Structure: | Demonstration Product Terminal-Tanks |
| Condition Grade: | E |
| Last Inspection Date: | 4/17/2003 |
| Paint System: | C2A |

**Structure Overview:**

**Total Costs**

| | |
|---|---|
| **Recommended Work** | **$67,900.00** |
| Touch-Up | $29,100.00 |
| Refresh | $38,800.00 |
| Restore | $0.00 |

**Structures**

Select a structure from the pull-down menu to view it's elements.

Choose a Structure

**Reports**

Coating System Performance
Optimum Work Schedule
Deferred Work
Custom Report

Fig. 6

**Demonstration Product Terminal-Tanks**

Priority: ★★★

Average Grade: A

Last Inspection Date:

**Structure Overview:**

**Total Costs**

| | |
|---|---|
| **Recomended Work** | $265,055.30 |
| Touch-Up | $87,825.30 |
| Refresh | $95,890.00 |
| Restore | $101,340.00 |

**Elements Menu**

Select an element from this structure

Choose an Element

**Structures Menu**

Select a structure from the pull-down below

Choose a Structure

**Structure Level Reports**

Summary Recommended Work
Recommended Work Report (1 Year Forecast)
Recommended Work Report (3 Year Forecast)
Cost of Deferring Work

Fig. 7

**Demonstration Enterprise**

**Total Costs**

| | |
|---|---|
| **Recomended Work** | **$265,055.30** |
| Touch-Up | $67,825.30 |
| Refresh | $95,890.00 |
| Restore | $101,340.00 |

**Structure Menu**

Select a structure from the pull-down below.

Choose a Structure

**Enterprise Level Reports**

Summary Recommended Work
Recommended Work Report (1 Year Forecast)
Recommended Work Report (3 Year Forecast)
Cost of Deferring Work

Fig.8

## Summary Report

---

**Tank 8**
Condition Grade:

Last Inspection Date:

Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

**Tank 12**
Condition Grade:

Last Inspection Date:

Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

Fig.9

## Summary Report 1 Year Forcast

**Tank 8**
Condition Grade:
Last Inspection Date:
Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

**Tank 12**
Condition Grade:
Last Inspection Date:
Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

Fig.10

**Summary Report 3 Year Forcast**

---

**Tank 4**
Condition Grade:

Last Inspection Date:

Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

---

**Tank 6**
Condition Grade:

Last Inspection Date:

Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

Fig. 11

**Elements**

| | South Crossover | Visit |
|---|---|---|
| SELECTED PHOTO | Condition Grade: | A |
| | Total Area: | 580 |
| | Repair Area: | 0% |

| | South Crossover | Visit |
|---|---|---|
| SELECTED PHOTO | Condition Grade: | A |
| | Total Area: | 580 |
| | Repair Area: | 0% |

| | South Crossover | Visit |
|---|---|---|
| SELECTED PHOTO | Condition Grade: | A |
| | Total Area: | 580 |
| | Repair Area: | 0% |

Fig.12

## Coating System Performance Report

Structure:
Element:
Paint System:
Performance:
Demonstrati

Structure:
Element:
Paint System:
Performance:
Demonstrati

Structure:
Element:
Paint System:
Performance:
Demonstrati
Be

Fig.13

**Optimum Work Schedule Report**

**Structure:** **Demonstration**

| | |
|---|---|
| **Next Year :** | Tank 8 |
| | Tank 12 |
| | Tank 10 |
| **Within 3 Years:** | Tank 4 |
| | Tank 6 |

Fig.14

**Completed Work Report**

Structure: Demonstrati
Budgeted Cost :
Actual Cost :

Structure: Demonstrati
Budgeted Cost :
Actual Cost :

Structure: Demonstrati
Budgeted Cost :
Actual Cost :

Fig.15

## Summary Report 1 Year Forcast

### Tank 8

Condition Grade:

Last Inspection Date:

Paint System:

### Total Costs

### Recomended Work

Touch-Up

Refresh

Restore

### Tank 12

Condition Grade:

Last Inspection Date:

Paint System:

### Total Costs

### Recomended Work

Touch-Up

Refresh

Restore

Fig.16

## Summary Report 3 Year Forcast

### Tank 4

Condition Grade:

Last Inspection Date:

Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

### Tank 6

Condition Grade:

Last Inspection Date:

Paint System:

**Total Costs**

**Recomended Work**

Touch-Up

Refresh

Restore

Fig.17